

**Environmental Management (EM)
Nevada Program Activities
Monthly Report to the
Nevada Site Specific Advisory Board (NSSAB)
September 2020**

In August 2020, the EM Nevada Program remained in Phase 2 of its Operations Remobilization Plan with a continued focus on the deliberate and gradual execution of Phase 2 protocols. The Remobilization Plan aligns with the President's *Reopening America Again* and U.S. Department of Energy's (DOE's) *Return to the Federal Workplace Framework* plans in full coordination with site partners at the National Nuclear Security Administration/Nevada Field Office (NNSA/NFO). Limited travel has commenced under Phase 2, primarily for Radioactive Waste Acceptance Program (RWAP) facility evaluations and oversight, and is being considered and approved on a case-by-case basis. EM Nevada crews are currently performing field work, including sites on the Tonopah Test Range (TTR). In an abundance of caution, EM Nevada Program has opted to transition all Program-hosted public events to a virtual format through at least September 30, 2020.

External Affairs

- Events/Stakeholders Meetings:
 - Hosted Low-level Waste Stakeholders Forum via virtual meeting (NSSAB Chair attended) – August 5, 2020
 - Hosted DOE Office of Legacy Management (LM) staff tour of the TTR – August 11-12, 2020
- Nevada National Security Site (NNSS) tours:
 - Per NNSA/NFO, all site tours will be suspended through December 31, 2020
- Planned activities for September 2020:
 - Conduct a tour of TTR sites for EM HQ Senior Leadership – September 10, 2020
 - Conduct a panel discussion during the RadWaste Summit 2020 via virtual meeting on Legacy Cleanup Activities at the NNSS with the State of Nevada Division of Environmental Protection (NDEP) and Navarro contractor – September 11, 2020
 - Host EM Consolidated Business Center (EMCBC) Executive Director for EM Nevada Program visit – September 14, 2020
 - Attend EM National Cleanup Workshop via virtual meeting – September 16, 2020
 - Host NSSAB full board meeting via virtual meeting – September 23, 2020
 - Host EM Nevada Program Intergovernmental Meeting via virtual meeting (NSSAB leadership invited) – September 23, 2020
 - Provide the Waste Coordination Leadership Group Update presentation to NDEP with EM HQ – September 30, 2020
 - Publish social media and follow-up article on the panel discussion to be conducted during the RadWaste Summit 2020 on Legacy Cleanup Activities at the NNSS

Waste Disposal and Transportation

- Update from previous reports – Y-12 National Security Complex (Y-12), Oak Ridge, TN generator: The EM Nevada Program continues to coordinate with DOE Headquarters and the NNSA on items related to the Y-12 waste event from July 2019. The NNSA Production Office performed an assessment in August 2020. RWAP has scheduled a facility evaluation in October 2020. Y-12 cannot ship waste to the NNSS until it satisfactorily undergoes a RWAP facility evaluation. (please see April – May 2019, July 2019 – April 2020, August 2020 NSSAB Monthly Reports for more information)

- In August 2020, the RWAP conducted three facility evaluations:
 - Oak Ridge, TN generator #1: The tabletop facility evaluation resulted in no Findings. This facility evaluation included an on-site RWAP team member.
 - Oak Ridge, TN generator #2: The tabletop facility evaluation resulted in one Finding. This facility evaluation included an on-site RWAP team member. The generator will have 30 days to respond after the RWAP issues the report.
 - Idaho Falls, ID generator: The mixed waste on-site verification resulted in no Findings
- In September 2020, the RWAP will conduct two tabletop facility evaluations.
- In September 2020, approximately 45,687 cubic feet of low-level waste (LLW), mixed LLW (MLLW), and classified waste is forecasted for disposal at the NNSS.

Underground Test Area (UGTA)

Corrective Action Unit (CAU) 97, Yucca Flat/Climax Mine

NDEP's comments on the Closure Report were received in August 2020. Comments are being addressed and the revision to the Closure Report will be complete in September 2020.

CAU 101/102, Pahute Mesa

In August 2020, NDEP's comments on the Geochemistry Report were received and will be addressed in the revised report. The Pahute Mesa Hydrologic Data Document continued internal review in August 2020. Revision of the Update to the Corrective Action Investigation Plan was completed and the document was submitted to NDEP in August 2020.

Industrial Sites

CAU 577, Area 5 Chromium Contaminated Waste Disposal Cells

CAU 577 comprises five Corrective Action Sites (CASs) located at the Area 5 Radioactive Waste Management Complex. In July 2020, a revised draft Corrective Action Decision Document/Corrective Action Plan (CADD/CAP) was submitted to NDEP and comments were received. Comment resolution and work on the final CADD/CAP continued in August 2020 and will be completed in September 2020.

Post-Closure Monitoring

Non-Resource Conservation and Recovery Act (RCRA) Post-Closure Monitoring Sites

The Non-RCRA Post-Closure Monitoring Sites include CASs where post-closure inspections and maintenance performed in accordance with closure requirements. Maintenance identified during the December 2019 annual inspections will continue throughout the calendar year.

RCRA Post-Closure Monitoring Sites

The RCRA Post-Closure Monitoring Sites include six CAUs where post-closure inspections, monitoring, and maintenance performed in accordance with the RCRA Permit and closure requirements. Irrigation and monthly monitoring were conducted at CAU 111 revegetation test plots in August 2020 and will continue in September 2020.

TTR Sites

The TTR Post-Closure Monitoring Sites include CAUs where post-closure inspections, monitoring, and maintenance are performed on the TTR. In August 2020, a site visit was conducted with the DOE/LM to

familiarize LM personnel with the TTR sites prior to September 2020 when stewardship responsibility for the TTR sites will transition to LM.

CAU 98, Frenchman Flat

NDEP provided comments on the Calendar Year 2019 Annual Closure Monitoring Report in July 2020; comment responses and revisions to the document were completed in August 2020.

CAU 99, Rainier Mesa/Shoshone Mountain

Groundwater sampling continued in August 2020 and is anticipated to be complete in September 2020.